

Amendments to the Specification

Please amend the specification, as follows:

Page 1, lines 1-2, replace the title paragraph with the following amended paragraph:

MOVABLE UNIT AND SYSTEM FOR MONITORING SENSING
AT LEAST ONE CHARACTERISTIC PARAMETER[[S]] OF A TYRE

Page 1, line 3, add the following new paragraph in the form of a section heading prior to the start of the paragraph beginning “The present invention relates to a system . . .”

BACKGROUND OF THE INVENTION

Page 1, line 3, add the following new paragraph in the form of a section subheading after the heading “BACKGROUND OF THE INVENTION” added above and prior to the start of the paragraph beginning “The present invention relates to a system . . .”

Field of the Invention

Page 1, line 13, add the following new paragraph in the form of a section subheading prior to the start of the paragraph beginning “A wheel is the connection between . . .”

Description of the Related Art

Page 5, line 1, add the following new paragraph in the form of a section heading prior to the start of the paragraph beginning “The Applicant has observed that . . .”

SUMMARY OF THE INVENTION

Page 9, line 25, add the following new paragraph in the form of a section heading prior to the start of the paragraph beginning “Other features and advantages . . .”

BRIEF DESCRIPTION OF THE DRAWINGS

Page 10, line 11, add the following new paragraph in the form of a section heading prior to the start of the paragraph beginning “Figure 1 shows by way of example . . .”

DETAILED DESCRIPTION OF THE EXEMPLARY EMBODIMENTS

Add a new page 23 after the claims, adding the following ABSTRACT OF THE DISCLOSURE. A new, separate page 23 including the ABSTRACT OF THE DISCLOSURE is enclosed.

ABSTRACT OF THE DISCLOSURE

A system for sensing at least one characteristic parameter of a tyre fitted to a vehicle includes a movable unit and a fixed unit. The movable unit is combined with the tyre and includes a device for sensing the at least one characteristic parameter, a device for transmitting signals out of the tyre, a processing unit, and a storage device. The fixed unit is combinable with the vehicle and includes a device for receiving signals from the movable unit. The processing unit and storage device carry out pre-processing of a signal generated by the sensing device and send the pre-processed signal to the transmitting device. The movable unit may also include a device for generating electrical energy that is capable of supplying the processing unit and the transmitting device. The transmitted signal relates to the at least one characteristic parameter. The movable unit and a vehicle wheel are also disclosed.